



In re application of:

R. J. Obremski, et al.

Serial No: 09/063,978

Filed: April 21, 1998

For: DETECTION OF VERY LOW QUANTITIES OF  
ANALYTE BOUND TO A SOLID PHASE

Art Unit: 1645

Examiner: J. Hines

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Commissioner for Patents  
Washington D.C. 20231, on  
May 17, 2001

Date of Deposit

Wei-Ning Yang, Reg. No. 38,690

Name

Signature

5/17/01  
DateCommissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Transmitted herewith is an amendment in the above-identified application.

☐ No additional fee is required.

The fee has been calculated as shown below:

|                                                 | (Col. 1)<br>CLAIMS REMAINING<br>AFTER AMENDMENT |   | (Col. 2)<br>HIGHEST NUMBER<br>PREVIOUSLY PAID FOR | (Col. 3)<br>PRESENT<br>EXTRA* | LG/SM<br>\$ ENTITY FEE                               | ADD'L<br>FEE DUE |
|-------------------------------------------------|-------------------------------------------------|---|---------------------------------------------------|-------------------------------|------------------------------------------------------|------------------|
| TOTAL CLAIMS FEE                                | 28                                              | - | 26 **                                             | 2                             | LG=\$18<br>SM=\$9                                    | \$ 36            |
| INDEPENDENT<br>CLAIMS FEE                       | 3                                               | - | 3 ***                                             | 0                             | LG=\$80<br>SM=\$40                                   | \$ 0             |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS |                                                 |   |                                                   |                               | LARGE ENTITY FEE = \$270<br>SMALL ENTITY FEE = \$135 | \$ 36            |
| TOTAL                                           |                                                 |   |                                                   |                               |                                                      | \$ 36            |

\* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box on Col. 1 of a prior amendment or the number of claims originally filed.

- ☒ A check in the amount of \$ 36.00 to cover the additional claims fee is enclosed. **A copy of this sheet is enclosed.**
- ☐ A check in the amount of \$      to cover the extension fee is enclosed. **A copy of this sheet is enclosed.**
- ☒ The Commissioner is hereby authorized to charge any deficiencies of fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. **A copy of this sheet is enclosed.**
- ☒ Any filing fees under 37 C.F.R. § 1.16 for the presentation of extra claims
- ☒ Any patent application processing fees under 37 C.F.R. § 1.17

Respectfully submitted,  
HOGAN & HARTSON L.L.P.By: Wei-Ning Yang  
Registration No. 38,690  
Attorney for Applicant(s)

Date: May 17, 2001

Biltmore Tower  
500 South Grand Avenue, Suite 1900  
Telephone: 213 337-6700  
Facsimile: 213 337-6701



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AMENDMENT

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In response to the Office Action dated March 12, 2001, please amend the above-referenced application as follows:

IN THE CLAIMS:

Please replace the text of claims 1, 2, 23 and 26 with the following text::

1. (Amended) A binding assay for sensing analyte mass in a liquid sample, comprising:

a) immobilizing an array on a substrate, wherein the array comprises a plurality of microscopic sorbent zones, wherein a microscopic sorbent zone comprises an analyte binding partner,

b) contacting a defined volume of sample believed to contain an analyte with at least one microscopic sorbent zone, the analyte binding partner in the microscopic sorbent zone being present in excess relative to the analyte, so that any analyte present in the defined volume is substantially depleted from the sample and concentrated on the microscopic sorbent zone to form an analyte capture complex with the analyte binding partner;

c) tagging the analyte capture complex with a fluorescent label;

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INVENTOR: 00000095 09063978